It No	Description of Item	unit	As per Modified BOQ			Previous		Present Measurements			Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
30	Supplying and fixing of chest press double -of safe Area:4.0mtr x 2.5mtr, of center pipe :100NB G1 B-class pipe, seat frame : :32NB GI B-class pipe, Handle frame :32NB & 15NB G1 B-CLASS pipe, SEAT:LLDP Plastic, PIPE CAP:Nylon 66 injection moulded, Bearing Cap:Nylon 66 injection moulded , Bearing housing and pin :seamlerss pipe & round bar nut boults cap:Nylon 66 injection moulded, bearing :permanent sealed of reputed make ((fag/skf), nut bolts :high tensile steel ,galvanised nut bolts, powder coat: done by pure polyuretane powder with 70-80Micron thickness As per engineer in charge of the work.	Nos	0.00	193500.00	0.00			0.00	193500.00	0.00	0.00	0.00
31	Supplying and fixing of OF FUN ROVER, SAFE Area:2.5mtr X1.5 mtr, Main Frame :80NB G1 B-class pipe,Area frame : :80NB G1 B-class pipe, Handle frame :32NB G1 B-CLASS pipe, SEAT:LLDP Plastic, PIPE CAP:Nylon 66 injection moulded, Bearing Cap:Nylon 66 injection moulded , Bearing housing and pin :seamlerss pipe & round bar nut boults cap:Nylon 66 injection moulded, bearing :permanent sealed of reputed make (fag/skf), nut bolts :high tensile steel ,galvanised nut bolts, powder coat: done by pure polyuretane powder with 70-80Micron thickness As per engineer in charge of the work.	Nos	0.00	66650.00	0.00			0.00	66650.00	0.00	0.00	0.00

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It No	Description of Item	unit	As per Modified BOQ			Previous		Present Measurements			Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
32	Supplying and fixing of OF FUN rider, safe Area:2.5mtr X1.5 mtr, Main Frame :80NB G1 B-class pipe,Area frame : :80NB GI B-class pipe, Handle frame :32NB G1 B-CLASS pipe, SEAT:LLDP Plastic, PIPE CAP:Nylon 66 injection moulded, Bearing Cap:Nylon 66 injection moulded , Bearing housing and pin :seamlerss pipe & round bar nut boults cap;Nylon 66 injection moulded, bearing :permanent sealed of reputed make (fag/skf), nut bolts :high tensile steel ,galvanised nut bolts, powder coat: done by pure polyuretane powder with 70-80Micron thickness As per engineer in charge of the work.	Nos	0.00	161250.00	0.00			0.00	161250.00	0.00	0.00	0.00
33	Removing B.S. slab of Drain and stacking.	Sqm	108.00	69.00	7452.00	-	-	0.00	69.00	0.00	0.00	0.00
34	Refixing stone slabs of drains and pointing in C.M (1:3).	Sqm	108.00	85.00	9180.00	-	-	0.00	85.00	0.00	0.00	0.00
35	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	934.77	201.00	187888.02	-	-	0.00	201.00	0.00	0.00	0.00
36	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202	Cum	1781.28	504.00	897763.61	-	-	0.00	504.00	0.00	0.00	0.00

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It No	Description of Item	unit	As per Modified BOQ			Previous		Present Measurements			Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
37	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	37.95	5900.00	223905.00	-	-	0.00	5900.00	0.00	0.00	0.00
38	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-20	Cum	87.40	6805.00	594757.00	-	-	0.00	6805.00	0.00	0.00	0.00
39	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	828.00	330.00	273240.00	-	-	0.00	330.00	0.00	0.00	0.00
40	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.No.17, I.No.4.46.2)	Tonne	5.64	65000.00	366600.00	-	-	0.00	65000.00	0.00	0.00	0.00

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It No	Description of Item	unit	As per Modified BOQ									
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
41	providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc.., comlete.10cm thick	Sqm	0.00	855.00	0.00			0.00	855.00	0.00	0.00	0.00
42	Providing machine cutting of BS Slab including all lead and lift as per direction of engineer -in charge of work -data rate	Sqm	0.00	65.00	0.00			0.00	65.00	0.00	0.00	0.00
43	providing precast slab of 250mm thick including cost of all materials , labour,curing,transportation, loading, unloading, etc., complete as per the dorection of engineer in charge	Sqm	0.00	5495.00	0.00			0.00	5495.00	0.00	0.00	0.00
44	Excavation for road work in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00k.m and complete as per specifications	Cum	0.00	163.00	0.00			0.00	163.00	0.00	0.00	0.00
45	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	897.38	5630.00	5052246.59	-	-	0.00	5630.00	0.00	0.00	0.00

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Item No	Description of Item	unit	As per Modified BOQ			Previous		Present Measurements			Total upto date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
46	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M20 (at 300Kg per cum coarse aggregate @ 0.64cum and fine aggregate @ 0.43cum)	Cum	1361.07	6744.00	9179023.03	-	-	0.00	6744.00	0.00	0.00	0.00
47	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	8974.04	46.00	412805.61	-	-	0.00	46.00	0.00	0.00	0.00

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Il No	Description of Item	unit	As per BOQ			Previous		Present Measurements			Total upto date	
			Qty	Rate		Qty	Amount	Qty	Rate	Amount	Qty	Amount
48	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. - for concrete pavement	Rmt	3264.30	136.00	443944.80	-	-	0.00	136.00	0.00	0.00	0.00
49	providing and erecting direction and place indentification retro-reflectorised sign as per IRC:67-2012 Made of high intensity grade sheeting vide clause 800.1.3 fixed over aluminiuam sheeting, 2mm thick with area exceeding 0.9sqm supported on mild steel angle iron post 75mmx75mmx6mm, 2Nos. Firmly fixed to ground by means of properly designed foundtation with M-15 Grade cement concrete 45cm x45cm x 60cm 60cm below ground level as per approved drawing complete as per specifications. MORTH Specification No.801 Using type IV Sheeting	Sqm	2.00	8072.00	16144.00			0.00	8072.00	0.00	0.00	0.00
	Grand total				**29186424.00**					**10882659.07**		**10882659.07**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Asst Engineer
Ward-16

Asst Executive Engineer
Yeshwanthpura Sub Division
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

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